

## GIDEP & NASA ADVISORY IMPACT REPORT

NASA Advisories, GIDEP Alerts, Problem Advisories, Safe Alerts, Product Change Notices,  
Diminishing Source Notices and Agency Action Notices related to EEE parts  
October 1995 - February 1996

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
AAN-U-95-100	9/25/95	N/A	N/A	DESC has established a new Commercial And Government Entity (CAGE) code, 037Z3, for use with all DESC drawings.
AH6-C-96-01	10/13/95	MULTIPLE	National	The manufacturer is changing the top mark of all NEW compliant QML products.
AH6-D-96-01	10/13/95	MULTIPLE	National	Manufacturer is discontinuing subject microcircuits.
AH6-D-96-02	10/18/95	DH0034D-MIL	National	Manufacturer is discontinuing subject microcircuit.
AX8-A-96-01	10/19/95	MIL-C-38999 SERIES I, II, & III	Matrix Science Connectors	Connectors might not fully satisfy the requirements for contact retention, as specified in paragraphs 3.23 and 4.7.19 of MIL-C-38999. The primary concern relative to contact retention or location is the possibility of electrical discontinuity.
BP6-C-96-01	10/13/95	N/A	Harris	Harris changed their "top side" brand traceability code.
BP6-C-96-02	10/19/95	ICL7642CMJD	Harris	Harris is issuing this document to advise you of the package change being made.
BP6-C-96-03	10/19/95	MULTIPLE	Harris	Harris is changing their wafer process.
BP6-C-96-04	10/19/95	HSX-6664RHXX	Harris	Harris is making a data sheet change.
EA-A-95-01A	10/2/95	MANY JAN, JANTX, AND JANTXV DIODES	BKC	This amendment confirms that some product with date codes 9103thru 9513 may not sustain the full rated surge current. BKC recalled distributor stock & stopped shipments as of 3/30/95.
EA-D-95-57	9/22/95	MULTIPLE	Harris	Manufacturer is discontinuing subject microcircuits.
EA-D-95-60	9/25/95	MULTIPLE	National	Manufacturer is discontinuing subject microcircuits.
EA-D-96-01	10/5/95	BF871	Philips	Manufacturer is discontinuing subject transistor.
EB7-P-96-01	10/11/95	MULTIPLE	Ultronix	Due to excessive failures in Group "C", Subgroup 1 testing (Load Life) per MIL-R-39005, Ultronix is required to reduce our failure level on the products, outlined

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
				below, in the higher value range from an "R" (.01%/1000 hr.) to a "P" (.1%/1000 hr.) level effective lot date code (LDC) 9345 to current.
LX-P-95-01	9/26/95	M39006/21-0142, M39006/09-8717, M39006/09-8740	North American Capacitor	The use of clear insulating sleeving on capacitors allows cleaning solvents and flux to become entrapped under the sleeving. After the capacitors are installed they are then cleaned. The effect of this cleaning process results in degradation of the marking and oxidation of the metal cases.
U8-P-95-02	10/16/95	JANTX2N6770	IRC	Device (T-4 case outline), exhibits inconsistent case/lead sealing glass fill (volume), which results in (random) glass protrusion beyond the specified header seating plane. When this condition occurs, the use of this part in conjunction with a ceramic insulator pad results in damage to both the pad and the package case/lead sealing glass.
VV-D-95-19	9/26/95	MULTIPLE	Phillips	Manufacturer is discontinuing subject microcircuits.
VV-D-95-20	9/27/95	MULTIPLE	Philips	Manufacturer is discontinuing subject microcircuits.
X2-D-95-25	9/22/95	MULTIPLE	Harris	Manufacturer is discontinuing subject microcircuits.
X2-D-96-01	10/16/95	MULTIPLE	TI	Manufacturer is discontinuing subject microcircuits.
X2-D-96-02	10/17/95	MULTIPLE	Philips	Manufacturer is discontinuing subject microcircuits.
AH6-C-96-02	11/08/95	Multiple	National	The manufacturer is reporting a process change (die shrink). The conversion of the die to a "true-dual amplifier" layout has resulted in a 45% die size reduction.
AH6-C-96-03	11/17/95	Multiple	National	The test limits for the output sink current test are being changed to correct a severe yield loss at the -55/+125 degree C final test operation.
AH6-P-96-01	11/09/95	DS26LS32ME/883 DS26LS32MJ/883 DS26LS32MW/883	National	The manufacturer is advising participants of an error which affects the AC parameter test condition for the capacitance load of listed part numbers.
BP6-C-95-05	11/15/95	MULTIPLE	Harris	The manufacturer is changing the bonding wire diameter for certain analog products.
C1-A-95-01	11/13/95	87106-241, 87106-265 87106-265, 87106-325	Johanson Dielectrics Inc.	The ceramic switch mode power supply capacitors were received from the manufacturer with "j" lead bend dimensions exceeding the maximum value of 0.080 inches (0.070+/-0.010).

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
CE9-C-96-01	10/31/95	SMJ320C30, SMJ320C31, SMJ320C40, MC1558, SNJ54LVT245	TI	The manufacturer has made recent changes to tips military integrated circuits. Changes to electrical datasheets, non-electrical and/or mechanical changes.
CE9-D-96-01	11/21/95	MULTIPLE	TI	Manufacturer is discontinuing subject microcircuits.
CE9-D-96-02	11/20/95	SNJ54AS21	TI	The device does not maintain a high level voltage at the output with the specified Vih of 2.0V at low temperatures. The manufacturer will cease production rather than correct the problem.
EA-D-96-02	11/02/95	CY7C910-51LMB	Cypress	Defense Electronics Supply Center (DESC) is reporting the discontinuance of this device and their associated national stock number.
EA-D-96-03	11/03/95	MULTIPLE	see description	DESC is reporting the discontinuance of the devices and their associated national stock number: Avantec, Ratheon, U.S.Army, Loral, E-systems Naval Sea Systems Command, Hughes Aircraft
EA-D-96-04	11/07/95	MULTIPLE	Philips, Fairchild, National, Intecolor	DESC is reporting the discontinuance of the devices and their associated national stock numbers.
98FJ3-D-96-01	11/08/95	BT471KPJ80, BT478KPJ80	Brooktree	Manufacturer is discontinuing subject microcircuits.
Q9-A-96-01	11/15/95	MS3400, MS3401, MS3402, MS3404, MS3406, MS3408	Transtechonology Electronics	Front release style MIL-C-5015 connectors, purchased to MS340X with size 16 contact positions (pins and sockets) do not meet MIL-STD-1651 for contact position. The connector insert does not sufficiently support the contacts to meet the contact true position requirement per the MIL-STD.
VV-D-96-01	11/17/95	MULTIPLE	Altera	Manufacturer is discontinuing subject microcircuits.
EA-D-96-05	11/27/95	multiple	Hughes Aircraft Company	Defense Electronics Supply Center (DESC) is reporting the discontinuance of the subject microcircuits and their associated national stock numbers.
EA-D-96-06	12/6/95	multiple	Pollack Corporation	DESC is reporting the discontinuance of the subject switches and their associated national stock numbers.
EA-D-96-07	12/1/95	LM11CN, 5962-01-342-9799	Motorola Semiconductor Corporation	DESC is reporting the discontinuance of the subject microcircuits and their associated national stock numbers.

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
EA-D-96-08	12/19/95	multiple	National Semiconductor Corporation	DESC is reporting the discontinuance of the subject transistors and their associated national stock numbers.
GU2-D-96-01	12/14/95	multiple	Intel Corp.	Manufacturer is discontinuing subject microcircuits.
EB7-P-96-03	12/18/9	multiple	Sprague North Adams, Inc.	The manufacturer has experienced a military maintenance test failure, (Group B. Subgroup 2, 85 deg C Life for 10,000hrs.) which exceeded the allowable number of failures on the MIL-C-39006/03-1438 (280D106X8300P), and the MIL-C-39006/03-1434 (280D126X8250P) high voltage hermetic foil. It has been further determined that these lot failures are limited only to 200v, 250v, & 300v, "M" and "P" failure rate product.
U7-D-96-02	12/15/95	multiple	Hewlett-Packard	Manufacturer is discontinuing subject microcircuits.
U7-S-96-01	12/20/95	KMH200VN681M30X30T2	United Chemi-con	A faulty lot of electrolytic capacitors on the power supply boards used in the Hewlett-Packard (HP) 70001A-H10, 70001A, 70004A instruments may leak electrolyte across high voltage traces leading to a potential fire hazard.
AH6-C-96-04	1/12/96	Multiple	National Semiconductor Corp.	Microcircuit process/ product change notification.
AH6-D-96-03	1/3/96	LM7709H-MIL, LM7709, LH0071-2H-MCP	National Semiconductor Corp.	Manufacturer is discontinuing subject microcircuits.
CE9-C-96-02	1/11/96	Multiple	Texas Instruments Inc.	The manufacturer has eliminated 100% burn-in on the linear microcircuits.
CE9-C-96-03	1/11/96	Multiple	Texas Instruments Inc.	The manufacturer has made changes (electrical and/or mechanical to it's military integrated circuits.
CE9-C-96-06	1/26/96	Multiple	Texas Instruments Inc.	The manufacturer has eliminated 100% burn-in on the LBC devices.

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
CM2-C-96-01	1/16/96	AD7672, 5962-8965501LA, 5962-8965502LA	Analog Devices Inc.	The manufacturer has issued a product change notice to advise of a die fabrication redesign used for the military microcircuits.
EA-D-96-10	1/16/96	SN75189N3, 5962-01-248-2324	Texas Instruments Inc.	Defense Electronic Supply Center (DESC) is reporting the discontinuance of the subject microcircuits and their associated national stock numbers.
E8-A-96-01	1/22/96	403148 , FSC-5935, M83513/3-05, M83513/3-06 MIL-C-83513	Cristek Interconnects Inc.	Internal crimp defects caused increased contact resistance and/or open electrical circuits with time/temperature exposure.
K8-A-96-01	1/9/96	FHN28WB, FHN-41WB 5920-00-964-4384, 5920-00-172-3149 , MIL-F-19207/17-002 , MIL-F-19207/25-002	FIC Corporation	Numerous occurrences of fractured mounting threads on the subject fuseholders have been experienced.
WF-A-96-01	1/9/96	Multiple	Amphenol Corporation	During connector mating the electroless nickel plating was peeled off of one size 19 receptacle by the mating coupling nut.
VV-D-96-03	1/6/96	Multiple	GEC Plessey Semiconductor Inc.	The manufacturer is discontinuing subject microcircuits.
AH6-C-96-05	2/13/96	JAN, SMD, -QML, /883 QB,-MIL MIL-STD-883	National Semiconductor	Microcircuit package marking change notification. Laser marking will be the new standard process flow.
BN8-D-96-01	2/13/96	Multiple	Philips Semiconductor	The manufacture is discontinuing subject discrete and integrated circuit devices..
BN8-D-96-02	2/13/96	Multiple	Philips Semiconductor	The manufacture is discontinuing subject discrete and integrated circuit devices.
BP6-C-96-06	1/24/96	Multiple	Harris Corp.	The manufacturer is changing its datasheets for the subject devices.
BP6-C-96-07	1/31/96	N/A	Harris Corp.	The manufacturer is changing its SEM inspection criteria as allowed under the MIL-PRF-38535 QML program.

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
CE9-C-96-04	1/31/96	Multiple	Texas Instruments	Under the provisions of MIL-PRF-38535, the manufacturer is eliminating 100% 25 degree DC/AC testing for the listed ALS and FAST Logic products.
CE9-C-96-05	1/29/96	Multiple	Texas Instruments	Under the provisions of MIL-PRF-38535, the manufacturer has eliminated 100% -55 degree DC/AC testing on the following ABT, AC, ACT, AND BCT logic products.
CE9-D-96-03	1/26/96	Multiple	Texas Instruments	The manufacture is discontinuing subject discrete and integrated circuit devices..
CE9-D-96-03	2/22/96	Multiple	Texas Instruments	The manufacture is discontinuing subject discrete and integrated circuit devices..
CE9-D-96-04	2/22/96	Multiple	Texas Instruments	The manufacturer is discontinuing subject microcircuits.
CE9-P-96-01	2/9/96	Multiple	Texas Instruments	The manufacturer is reporting an error in each of the electrical test programs for the subject microcircuits.
DT6-D-96-01	2/20/96	Multiple	Motorola	The manufacturer is discontinuing subject microcircuits.
EA-D-96-11	2/1/96	05342-40001, 5961-01-147-6918 05342-00008 5961-01-302-3750	Hewlett-Packard	Defense Electronic Supply Center (DESC) is reporting the discontinuance of the subject discrete part numbers and their associated national stock numbers.
EA-D-96-14	2/12/96	Multiple	Hewlett-Packard	DESC is reporting the discontinuance of the subject microcircuits and their associated national stock numbers.
EA-D-96-15	2/13/96	Multiple	Hewlett-Packard	DESC is reporting the discontinuance of the subject transformers and their associated national stock numbers.
FJ5-P-96-01	2/14/96	Multiple	Genicom Corp.	The subject relay has shown only a marginal capability for passing the intermediate current test of MIL-R-36016E. This particular test is a group C test and therefore does not affect failure rate.
Q9-A-96-02	2/26/96	5961-00-324-3078, JANTX1N4469 MIL-S-19500/406	Semicon Components	Damage to four motors was found to be the result of four defective (electrically open) diodes. Further visual investigation found forty (40) fractured diodes in the lot (approx. 16%).

<b><u>Document #</u></b>	<b><u>Date</u></b>	<b><u>Part No.</u></b>	<b><u>Mfr.</u></b>	<b><u>Summary / Part Type</u></b>
T3-A--96-01	2/20/96	5999-00-284-3970,, M39029/35-274, MIL-C-39029/35-274	Winchester Electronics	Missing or damaged outer barrel sleeves can compromise the two ounce minimum withdrawal requirement of the connector.
VV-C-96-01	2/7/96	Multiple	Electronic Designs Inc.	Microcircuit product (die revision) change notification.
VV-D-96-05	2/14/96	Multiple	ATMEL Corp.	The manufacturer is discontinuing subject microcircuits .
VV-D-96-06	2/15/96	ZR33288, ZR33072, ZR36020, ZR36040, ZR36045	Zoran Corp.	The manufacture is discontinuing subject devices.
VV-D-96-07	2/16/96	Multiple	Motorola	The manufacture is discontinuing subject microcircuits
VV-D-96-08	2/23/96	1A0805Z104Z5V1N	Circuit Components Inc.	The manufacture is discontinuing subject microcircuit.
VV-D-96-04	1/29/96	1SL1, 5930-00-548-7991 1SL7, 5930-00-820-3038	Honeywell Inc.	Manufacture is discontinuing subject switches

